

FORM PTO-139C MODIFIED		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>4358-13</b>	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)  <b>10/516,953</b>	
INTERNATIONAL APPLICATION NO. <b>PCT/CH03/00366</b>		INTERNATIONAL FILING DATE <b>6 June 2003</b>		PRIORITY DATE CLAIMED <b>6 June 2002</b>	
TITLE OF INVENTION <b>PROCESS TO MANUFACTURE AN ION-PERMEABLE AND ELECTRICALLY CONDUCTING FLAT MATERIAL, THE MATERIAL OBTAINED ACCORDING TO THE PROCESS, AND FUEL CELLS</b>					
APPLICANT(S) FOR DO/EO/US  <b>MILLER</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.					
2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.					
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4. <input type="checkbox"/> The U.S. has been elected (Article 31).					
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).					
a. <input type="checkbox"/> is attached hereto (      pages specification, claims & abstract (      claims),      sheets drawings).					
b. <input type="checkbox"/> has been communicated by the International Bureau.					
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).					
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))					
a. <input type="checkbox"/> is attached hereto (      pages specification, claims & abstract (      claims),      sheets drawings,      page Certificate of Translation).					
b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).					
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).					
b. <input type="checkbox"/> have been communicated by the International Bureau.					
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.					
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9. a. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (      page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).					
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
<b>Items 11 To 20 below concern document(s) or information included:</b>					
11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.					
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.					
13. a. <input type="checkbox"/> A FIRST preliminary amendment.					
b. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.					
14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76.					
15. <input type="checkbox"/> A substitute specification.					
16. <input type="checkbox"/> A change of power of attorney and/or address letter.					
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.					
18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).					
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).					
20. <input type="checkbox"/> Other items or information.					

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/515,953 INTERNATIONAL APPLICATION NO. PCT/CH03/00366 ATTORNEY'S DOCKET NUMBER 4358-13

21. ☒ The following fees are submitted:

**BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):**

<input type="checkbox"/> a) Basic national fee	\$300.00 (1631)/\$150.00 (2631)	\$	
<input type="checkbox"/> b) Examination Fee	\$200.00 (1633)/\$100.00 (2633)	\$	
<input type="checkbox"/> c) Search Fee	\$500.00 (1632)/\$250.00 (2632)	\$	
<b>TOTAL OF ABOVE CALCULATIONS</b>		\$	0.00

☐ Additional fee (classification and drawings filed in paper over 100 sheets (excluding sequence listings) comprising 1000 or more characters in medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	\$
28 -100	0 /50 =	0.00	\$0.00 (1681) \$0.00 (2681)	\$

Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than ☐ 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).

CLAIMS	NUMBER FILED	# EXTRA	RATE	\$
Total Claims	29 minus 29 =	0 X	\$50.00 (1615)/ \$25.00 (2615)	\$
Independent Claims	5 minus 3 =	2 X	\$200.00 (1614) \$100.00 (2614)	\$ 400.00
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			\$360.00 (1616)/\$180.00 (2616)	\$ 0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)

☐ Applicant claims small entity status. See 37 CFR 1.27.

Processing fee of \$130.00 (1618), for furnishing the English Translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).

**TOTAL NATIONAL FEE = \$ 400.00**

Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property

Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453)

**TOTAL FEES ENCLOSED = \$ 400.00**

Amount to be refunded	\$
Charged	\$

a. ☐ A check in the amount of \$400.00 to cover the above fees is enclosed.  
b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this form is enclosed.  
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.  
d. ☒ **CREDIT CARD PAYMENT FORM ATTACHED.**  
e. ☒ The entire content of International Application No. PCT/CH03/00366 and any U.S. and foreign application(s) corresponding thereto, and 969/02, referred to in this application is/are hereby incorporated by reference in this application.

**NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status. 06/23/2005 LHUNTER 00000001 10515953**

**CORRESPONDENCE ADDRESS**  
**Direct all correspondence to:**

☒ **Customer Number:** **23117**  
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**Chris Comuntzis**  
NAME

31,097 April 7, 2005  
REGISTRATION NUMBER Date



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1459  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/516,953	Miller	4358-13

INTERNATIONAL APPLICATION NO.	
PCT/CH03/00366	
I.A. FILING DATE	PRIORITY DATE
06/06/2003	06/06/2002

23117  
 NIXON & VANDERHYE, PC  
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 8TH FLOOR  
 ARLINGTON, VA 22201-4714

DOCKETED

CLT/MATTER #

MAIL DATE

DUE DATE

FINAL DEADLINE

DOCKETED BY

CONFIRMATION NO. 8618

371 FORMALITIES LETTER



\*OC000000015611948\*

Date Mailed: 03/31/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/06/2004
- Copy of the International Search Report filed on 12/06/2004
- Copy of IPE Report filed on 12/06/2004
- Preliminary Amendments filed on 12/06/2004
- Information Disclosure Statements filed on 12/06/2004
- Request for Immediate Examination filed on 12/06/2004
- U.S. Basic National Fees filed on 12/06/2004
- Priority Documents filed on 12/06/2004

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$200 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$200 for a Large Entity:

- Total additional claim fee(s) for this application is \$ 200

- \$200 for 1 independent claims over 3.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/516,953	PCT/CH03/00366	4358-13

FORM PCT/DO/EO/905 (371 Formalities Notice)